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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#13

In re application of

Group Art Unit: 2878

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

Application No. 10/092,343

Filed: March 5, 2002

For: **SCANNING MAGNETISM
DETECTOR AND PROBE**

Date: June 6, 2002

Examiner:

I HEREBY CERTIFY THAT THIS CORRESPONDENCE
IS BEING DEPOSITED WITH THE UNITED STATES
POSTAL SERVICE AS FIRST CLASS MAIL IN AN
ENVELOPE ADDRESSED TO:
COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

ON: June 6, 2002
Connie English
Signature
Typed Name

TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- ☒ Fee Transmittal in duplicate
- ☒ Notice to File Missing Parts of Nonprovisional Application (copy)
- ☒ Patent Application Fee Determination Record
- ☒ Combined Declaration and Power of Attorney
- ☒ Letter Explaining Fee Payment
- ☒ Check for \$602.00
- ☒ Return receipt postcard

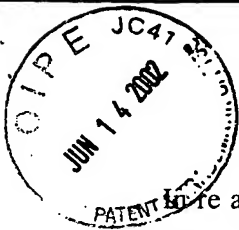
The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

By Paul S. Angello
Paul S. Angello
Registration No. 30,991

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 12336/7:1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

is the application of

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

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Group Art Unit: 2878

Application No. 10/092,343

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DETECTOR AND PROBE**

Date: June 6, 2002

Examiner:

LETTER EXPLAINING FEE PAYMENT


TO THE COMMISSIONER FOR PATENTS:

The enclosed \$602.00 fee payment is less than the \$647.00 balance due by applicant indicated on the Notice to File Missing Parts of Nonprovisional Application ("Notice"). This is so because the Notice indicates that there are eight (8) total claims over 20. Applicants count only three (3) total claims over 20, representing five (5) fewer claims or \$45.00 less cost than that stated in the Notice.

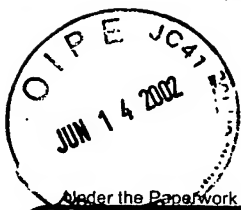
If they are somehow miscounting the total number of claims, applicants have authorized on the accompanying Fee Transmittal form a charge of any additional fee to the deposit account indicated to satisfy the consequent underpayment.

Respectfully submitted,

**Koichi Mukasa, Makoto Sawamura,
Kazuhisa Sueoka, and Eiichi Hirota**

By 
Paul S. Angello
Registration No. 30,991

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 12336/7:1

COPY OF PAPE
ORIGINALLY FILEDPTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 602.00

Complete if Known

Application Number	10/092,343
Filing Date	03/05/2002
First Named Inventor	Koichi Mukasa
Examiner Name	
Group Art Unit	2878
Attorney Docket No.	12336/7:1

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	19-4455
Deposit Account Name	Stoel Rives LLP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 370.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
23	-20** = 3	9.00	27.00
2	-3** = 0	42.00	0.00
Multiple Dependent		140.00	140.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 167.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	65.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

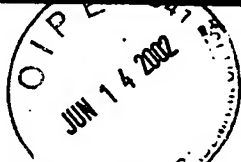
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 65.00

SUBMITTED BY

Name (Print/Type)	Paul S. Angello	Registration No. (Attorney/Agent)	30,991	Complete (if applicable)
Signature	<i>Paul S. Angello</i>	Telephone	503-220-3380	Date
				06/06/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

10/092,343

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	23 minus 20 = *	3
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2 minus 3 = *	0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

RATE	FEE
	\$ 370
x \$ 9 =	27
x 42 =	0
+ 140 =	140
TOTAL	\$537.00

RATE	FEE
	\$
x \$ =	
x =	
+ =	
TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	*	Minus	**	=
	Independent (37 CFR 1.16(b))	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDI- TIONAL FEE
x \$ =	
x =	
x =	
TOTAL ADDIT. FEE	

RATE	ADDI- TIONAL FEE
x \$ =	
x =	
x =	
TOTAL ADDIT. FEE	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	*	Minus	**	=
	Independent (37 CFR 1.16(b))	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDI- TIONAL FEE
x \$ =	
x =	
x =	
TOTAL ADDIT. FEE	

RATE	ADDI- TIONAL FEE
x \$ =	
x =	
x =	
TOTAL ADDIT. FEE	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	*	Minus	**	=
	Independent (37 CFR 1.16(b))	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDI- TIONAL FEE
x \$ =	
x =	
x =	
TOTAL ADDIT. FEE	

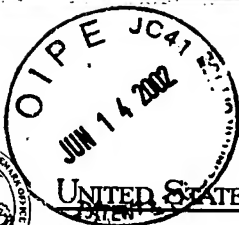
RATE	ADDI- TIONAL FEE
x \$ =	
x =	
x =	
TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.



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Page 1 of 1

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UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/092,343	03/05/2002	Koichi Mukasa	123367:1

3528
STOEL RIVES LLP
900 SW FIFTH AVENUE
SUITE 2600
PORTLAND, OR 97204

CONFIRMATION NO. 7710

FORMALITIES LETTER



OC000000007822704

Date Mailed: 04/08/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$212.
 - \$72 for 8 total claims over 20.
 - \$140 for multiple dependent claim surcharge.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 647.

07/08/2002 HTEKLEHI 00000001 194455 10092343

01 FC:203 45.00 CH

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/19/2002 MBIZUNES 00000047 10092343

01 FC:201	370.00 OP
02 FC:205	65.00 OP
03 FC:203	27.00 OP
04 FC:204	140.00 OP